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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/692,049	10/23/2003	Wei Wu	M61.12-0984	7260

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EXAMINER

WU, JUNCHUN

ART UNIT	PAPER NUMBER
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2191

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/16/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No.	Applicant(s)	
	10/692,049	WU ET AL.	
	Examiner	Art Unit	
	Junchun Wu	2191	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 October 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 05/23/2005 & 02/12/2007.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

1. Claims 1-21 are pending in this application.

Claim Rejections - 35 USC § 101

2. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

3. Claims 7-17 are non-statutory subject matter because they are directing to an abstract idea. The claims list a various fields without producing concrete, tangible and useful results.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a person unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-3, 5-11, 13-16, 18, 21 are rejected under 35 U.S.C. 102(b) as being anticipated by Bennett et al. (US Pub. No. 20020052910, hereafter "Bennett").

6. Per claim 1

Bennett discloses

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- A method for creating language-neutral and corresponding language specific resource files for a component ([0005] lines 5-11).
- The method comprising: obtaining a resource manifest file ([0007] lines 1-4, "...resource loader that obtains and loads resource from ... module").
- Creating a language-neutral file and a language specific resource file according to localizable resource information contained in the resource manifest file ([0006] lines 1-7 "...by referring to various resource library files ...").
- creating a checksum data ([0037] lines 10-13)
- updating a field in the resource manifest file with the checksum data ([0051] lines 1-4).

7. Per claim 2

Bennett discloses

- The resource manifest file is specified ([0007] lines 1-4, "...load resource from the desired language-specific resource module").

8. Per claim 3

Bennett discloses

- The resource manifest file is not specified and a default resource manifest file is used ([0007] lines 4-7, "... loading resources from a default resource module").

9. Per claim 5

Bennett discloses

- The localizable resource information resides in a compacted resource file ([0007] lines 1-4, "...load resource from the language-specific resource module").

10. Per claim 6

Bennett discloses

- A computer-readable medium containing instructions for performing a method for creating language-neutral and corresponding language specific resource files for a component ([0005] lines 5-11).
- the method comprising: obtaining a resource manifest file ([0007] lines 1-4, "...resource loader that obtains and loads resource from ... module").
- creating a language-neutral file and a language specific resource file according to localizable resource information contained in the resource manifest file ([0006] lines 1-7 "...by referring to various resource library files ...").
- creating a checksum data ([0037] lines 10-13).
- updating a field in the resource manifest file with the checksum data ([0051] lines 1-4).

11. Per claim 7

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Bennett discloses

A computer-readable medium having stored thereon a resource manifest schema data structure, the data structure comprising:

- a first data field containing data representing an element indicating the schema contains resource localization information ([0012] lines 7-9).
- a second data field containing data representing an element associated with a user interface resource ([0004] lines 1-3)
- a third data field containing data representing language dependency of the user interface resource element of the second data field ([0004] lines 3-7).
- a fourth data field containing data representing an element associated with a user interface resource type ([0041] lines 1-4).

12. Per claim 8

Bennett discloses

- the second data field represents unmanaged resources ([0046] lines 19-23, if the default resource module is not compatible with resource content of the default resource module from which the alternate resource module was localized, the process will be terminated after loading the appropriate resource module).

13. Per claim 9

Bennett discloses

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- the second data field represents managed resources ([0046] lines 14-19, use Boolean data type to represent managed resource or unmanaged resource. When set true value if the default resource module is compatible with resource content of the default resource module from which the alternate resource module was localized, otherwise set value to false if resource module is not compatible with).

14. Per claim 10

Bennett discloses

- the third data field represents language-neutral resources ([0005] lines 7-8, MUI may create a language neutral functional binary DLL per target language).

15. Per claim 11

Bennett discloses

- the third data field represents localized resources ([0012] lines 7-9).

16. Per claim 13

Bennett discloses

- the data structure further comprising: an eighth data field containing data representing an indication of whether to reference a default resource manifest ([0050] lines 7-13,"if the checksum match ... to indicate that resource content

of the current default resource module is compatible with...”).

17. Per claim 14

Bennett discloses

- the data structure further comprising: a ninth data field containing data representing a file name of a compacted resource file ([0035] line 3).
- a tenth data field containing data representing a file version of the compacted resource file ([0035] lines 4-5).
- an eleventh data field containing data representing an index value of a resource localization file within the compacted resource file ([0044] lines 19-22 “... the resource loader use an index on the resource version database...”).

18. Per claim 15

Bennett discloses

- the data structure further comprising: a twelfth data field containing data representing a file version of a resource file ([0035] lines 4-5).
- a thirteenth data field containing data representing a checksum value ([0037] lines 12-13, “The values ... described as checksums”).

19. Per claim 16

Bennett discloses

- the data structure further comprising: a fourteenth data field containing data representing a name of the element associated with the user interface resource

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type of the fourth data field ([0031] lines 5-7).

- a fifteenth data field containing data representing an identifier of the element associated with the user interface resource type of the fourth data field ([0041] lines 1-2).
- a sixteenth data field containing data representing a name of a resource item ([0006] “Generally described, a resource is an item of data or code that is shared by program”, the name of resource is inherently exist in the system).
- a seventeenth data field containing data representing an identifier of the resource item ([0037] line 3).

20. Per claim 18

Bennett discloses

- A method for a component owner to provide component resource localization information ([0012] lines 7-9, “...the default resource module from which the alternate resource module was localized.”).
- The method comprising: determining localizable resources ([0033] lines 14-19, “... the version information in the resource module is used to determine which resource module is loaded”).
- Determining a localizable resource folder convention ([0005]).
- creating a resource manifest file ([0007] lines 1-4, “...resource loader that obtains and loads resource from ... module”).

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21. Per claim 21

Bennett discloses

- The localizable resource information resides in a compacted resource file ([0007] lines 1-4, "...load resource from the language-specific resource module").

Claim Rejections - 35 USC § 103

22. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

23. Claims 4, 17 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over by Bennett and in view of Wilkinson et al. (US Patent No. 7,7007,026 B2, hereafter "Wilkinson").

24. For claims 4, 17 and 20

Bennett Does not disclose

- the resource manifest file is an Extensible Markup Language (XML) based declarative file.

But Wilkinson discloses

- the resource manifest file is an Extensible Markup Language (XML) based declarative file (col.2 lines 32-37).

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Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Bennett's teachings by adding the resource manifest file is an Extensible Markup Language (XML) based declarative file as taught by Wilkinson in order to incorporate localized values from the XML file in an output page, such as an HTML help page and combine other application data that is supplied by the application as an XML file (Wilkinson, col.14 lines 50-52 & lines 59-60).

25. Claims 12 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over by Bennett and in view of Rettig et al. (US Patent No. 6,252,589 B1, hereafter "Rettig").

26. Per claim 12

Bennett Does not disclose

the data structure further comprising: a fifth data field containing data representing a file path of a resource file of the user interface resource element of the second data field; a sixth data field containing data representing a file path type of the file path; and a seventh data field containing data representing a file type of the resource file.

But Rettig discloses

- the data structure further comprising: a fifth data field containing data representing a file path of a resource file of the user interface resource element of the second data field (col.6 lines 15-18).

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- a sixth data field containing data representing a file path type of the file path (col.6 lines 15-18).
- a seventh data field containing data representing a file type of the resource file (col.4 lines 11-13).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Bennett's teachings by adding fifth, sixth and seventh data fields as taught by Rettig in order to response to a resource identifier and module handle provided by the process requesting the resource and to a system-wide operating user-setting specifying a chosen language for the user interface (Rettig, col.5 lines 17-22).

27. Per claim 19

Bennett Does not disclose

- specifying a path for the resource manifest file to a resource compiler program.

But Rettig discloses

- specifying a path for the resource manifest file to a resource compiler program (col.5 lines 49-52).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Bennett's teachings by specifying a path for the resource manifest file to a resource compiler program as taught by Rettig in order to response to a resource identifier and module handle provided by the process requesting the resource

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and to a system-wide operating user-setting specifying a chosen language for the user interface (Rettig, col.5 lines 17-22).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Junchun Wu whose telephone number is 571-270-1250. The examiner can normally be reached on 8:00-17:00 M-F.

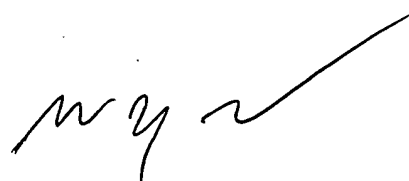
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wei Zhen can be reached on 571-272-3708. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Junchun Wu



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SUPERVISORY PATENT EXAMINER